

# EOB and Courthouse Garage Rehabilitation -- No. 500301

Category  
Agency  
Planning Area  
Relocation Impact

General Government  
Public Works & Transportation  
Rockville  
None

Date Last Modified  
Previous PDF Page Number  
Required Adequate Public Facility

May 8, 2002  
NONE  
NO

## EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY01	Estimate FY02	Total 6 Years	FY03	FY04	FY05	FY06	FY07	FY08	Beyond 6 Years
Planning, Design and Supervision	368	0	0	368	275	93	0	0	0	0	0
Land											
Site Improvements and Utilities											
Construction	2,197	0	0	2,197	0	2,197	0	0	0	0	0
Other											
Total	2,565	0	0	2,565	275	2,290	0	0	0	0	0

## FUNDING SCHEDULE (\$000)

G.O. Bonds	2,565	0	0	2,565	275	2,290	0	0	0	0	0
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## ANNUAL OPERATING BUDGET IMPACT (\$000)

### DESCRIPTION

This project provides for the design and rehabilitation of the Executive Office Building and Judicial Center parking garage. The concrete in the garage is experiencing moderate to severe deterioration. A study completed in July 2001 recommends removal and replacement of the deteriorated concrete, removal and replacement of the expansion joints, a traffic-bearing membrane, and concrete sealer on the ground floor slab.

### JUSTIFICATION

The EOB and JC complex has been in service for more than 20 years. The concrete in the garage is experiencing moderate to severe deterioration. The ongoing deterioration is induced by corrosion of the embedded steel reinforcement in the conventionally reinforced concrete slab. The corrosion process in this garage is primarily driven by a high level of chloride ions in the upper one or two inches of the concrete, water infiltration through the plaza area above the G-1 level, and water being carried into the garage by vehicles and deck-to-deck water leakage. The project will protect and improve the physical infrastructure to ensure continuation of safe and reliable parking areas in the complex.

### STATUS

Facility Planning.

### OTHER

Consultant study dated August 2001.

### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY03	(\$000)
Initial Cost Estimate		2,565
First Cost Estimate		
Current Scope	FY03	2,565
Last FY's Cost Estimate		0
Present Cost Estimate		2,565

Appropriation Request	FY03	320
Appropriation Request Est.	FY04	2,245
Supplemental		
Appropriation Request	FY02	0
Transfer		0

Cumulative Appropriation		0
Expenditures/		
Encumbrances		0
Unencumbered Balance		0

Partial Closeout Thru	FY00	0
New Partial Closeout	FY01	0
Total Partial Closeout		0

### COORDINATION

City of Rockville  
Tenants and Users of EOB and JC

### MAP

